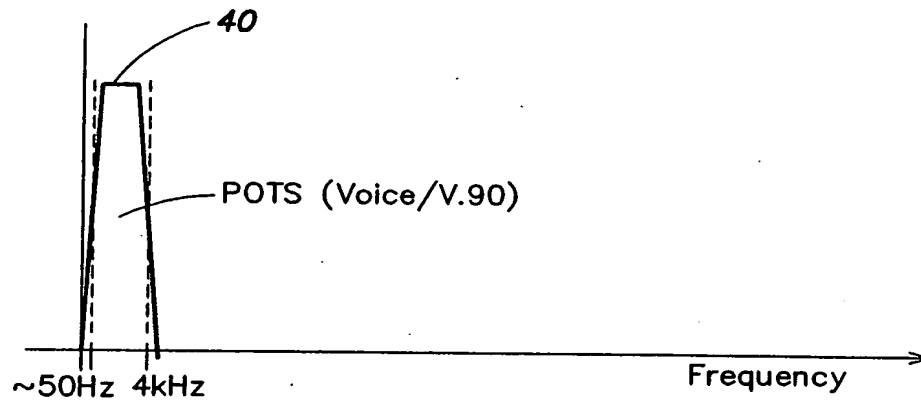
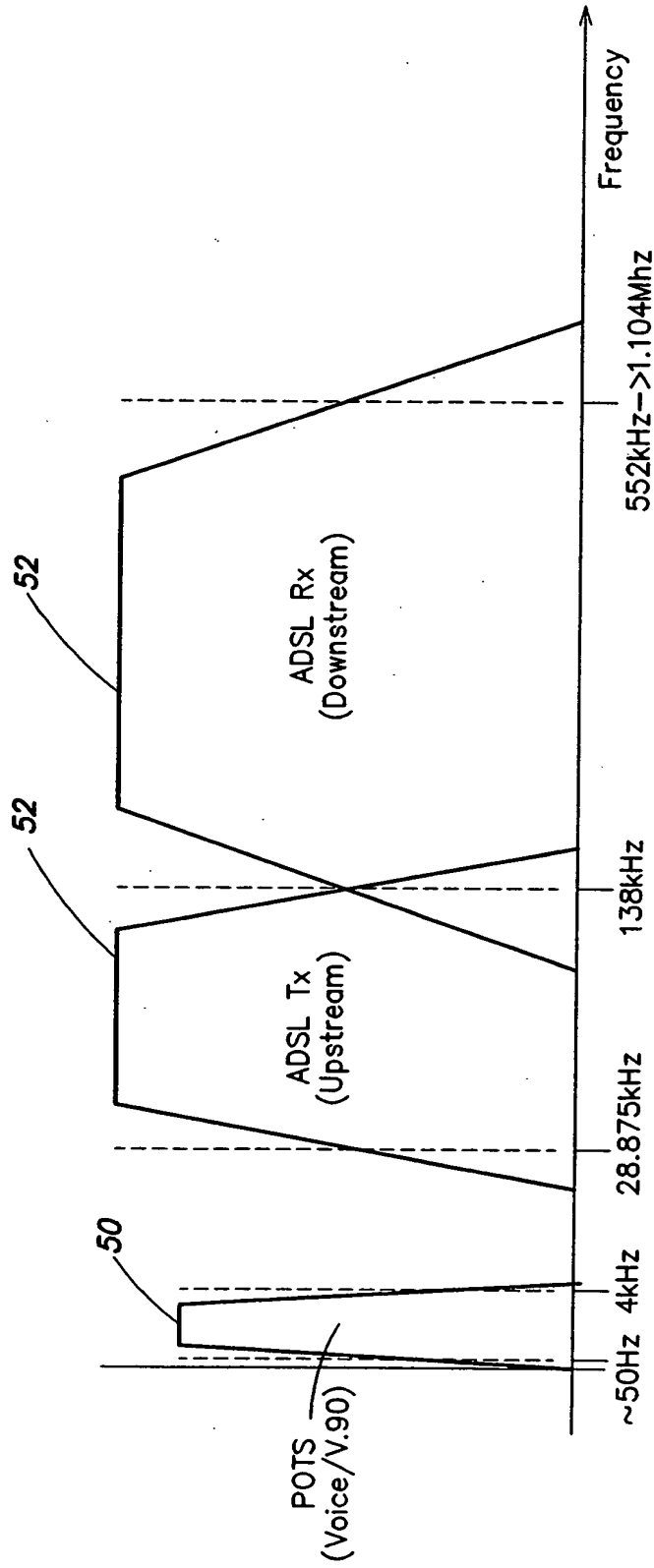




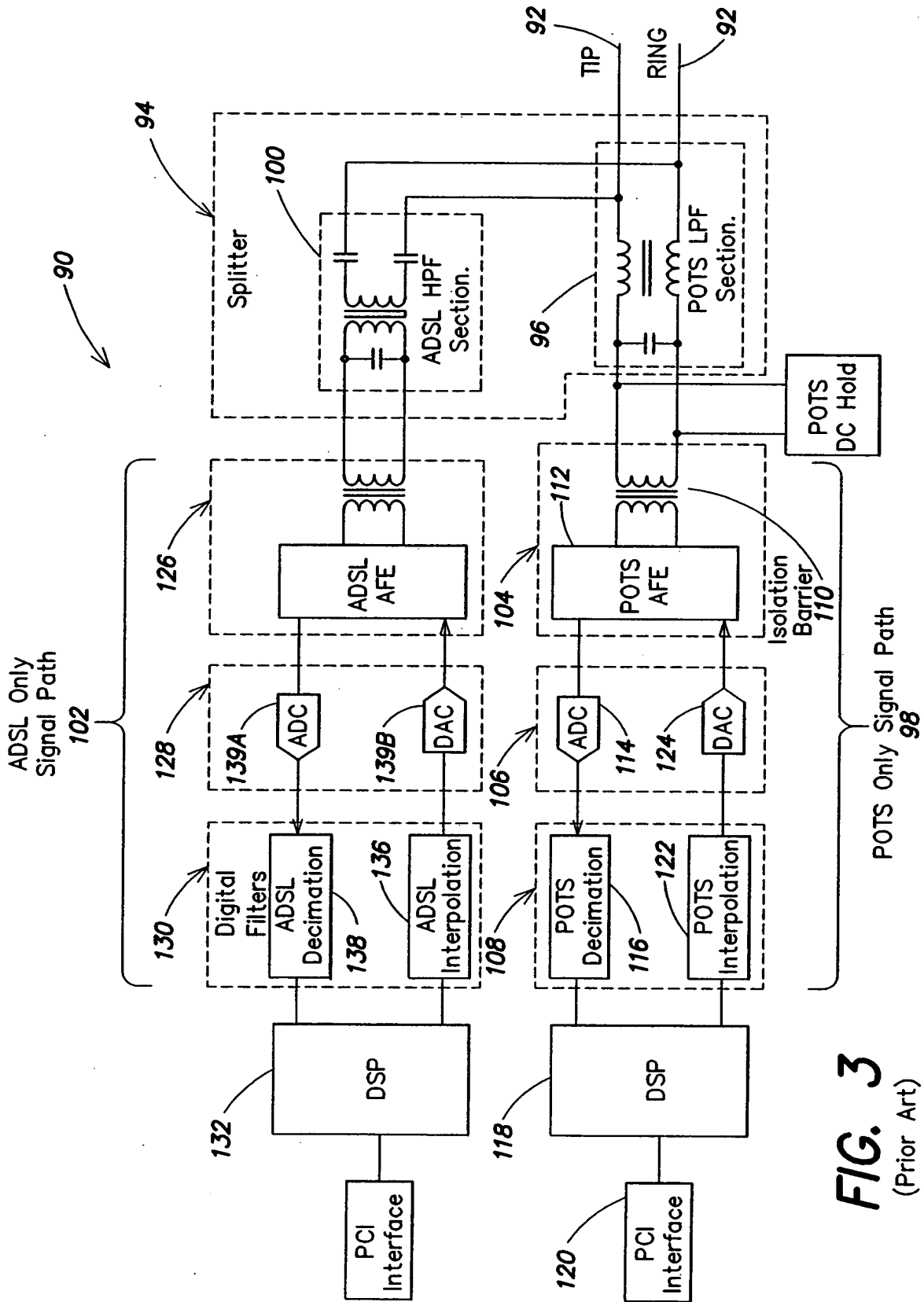
CONFIGURABLE ANALOG FRONT  
END FOR COMMUNICATION  
SYSTEMS  
Colm Prendergast et al.  
Serial No.: 09/747,801  
Docket No.: A0312.70387US00



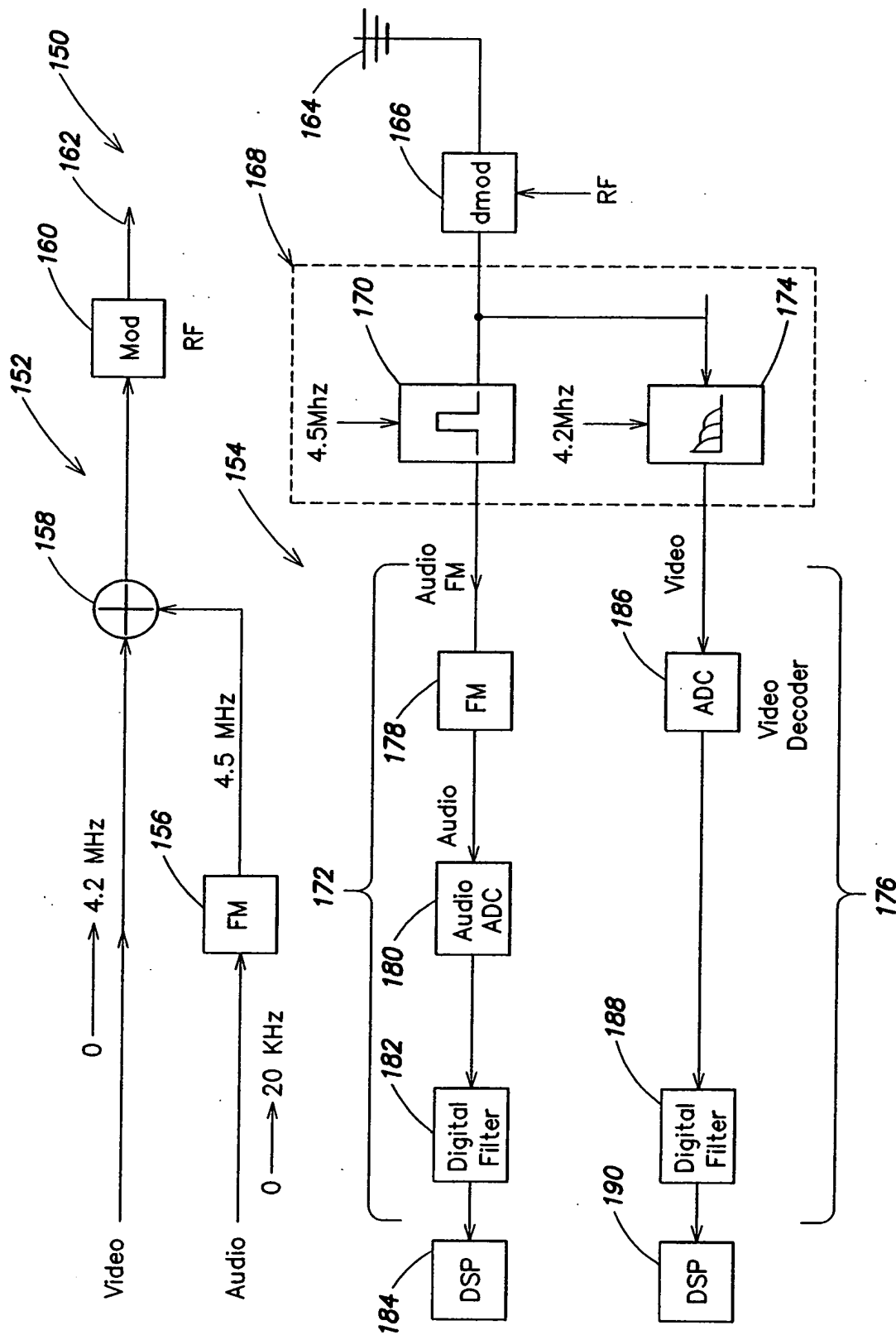
**FIG. 1**  
(Prior Art)



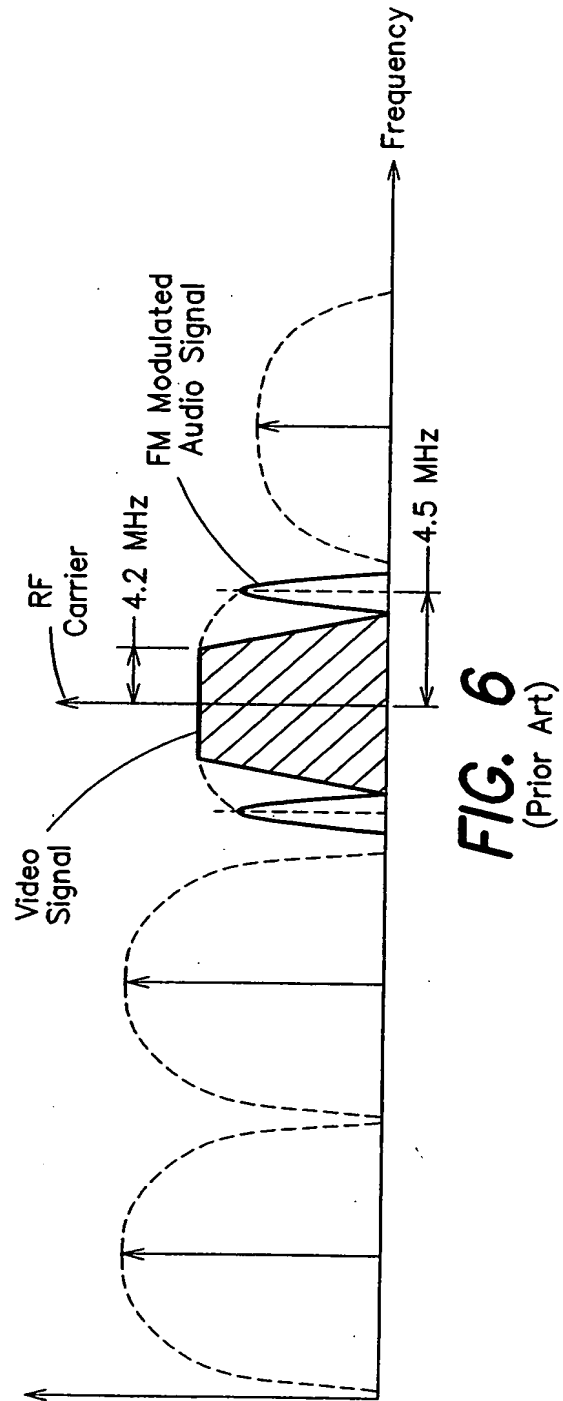
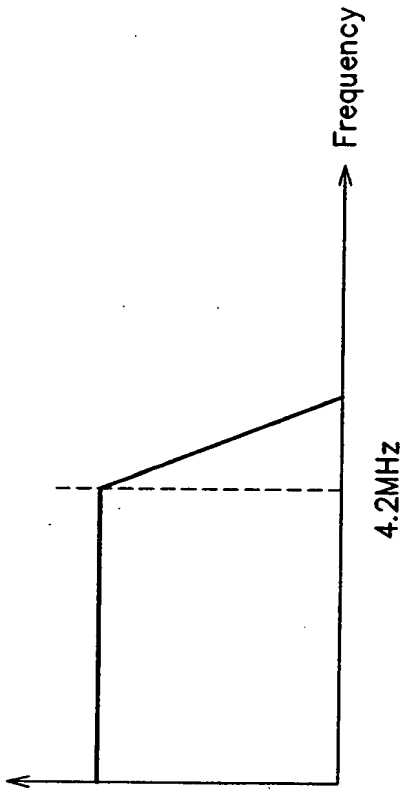
**FIG. 2**  
(Prior Art)

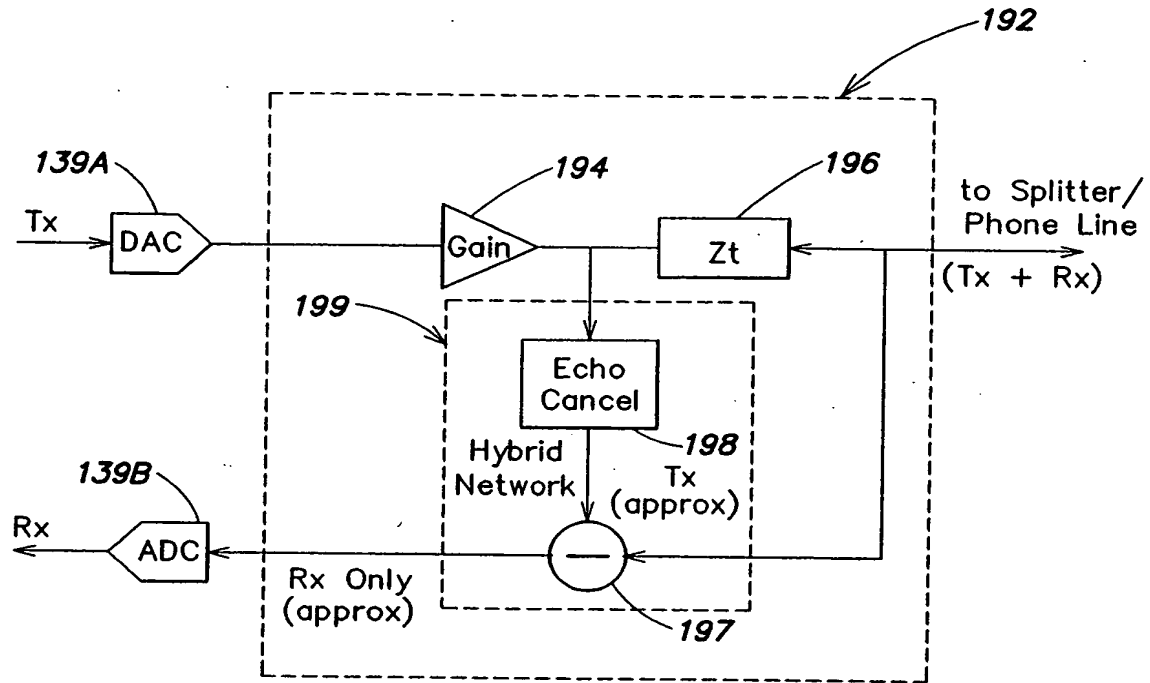


**FIG. 3**  
(Prior Art)

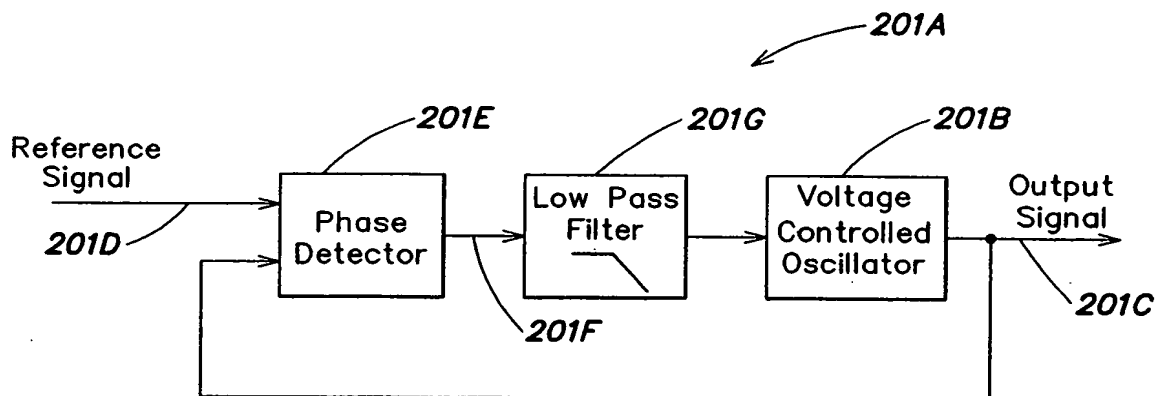


**FIG. 4**  
(Prior Art)

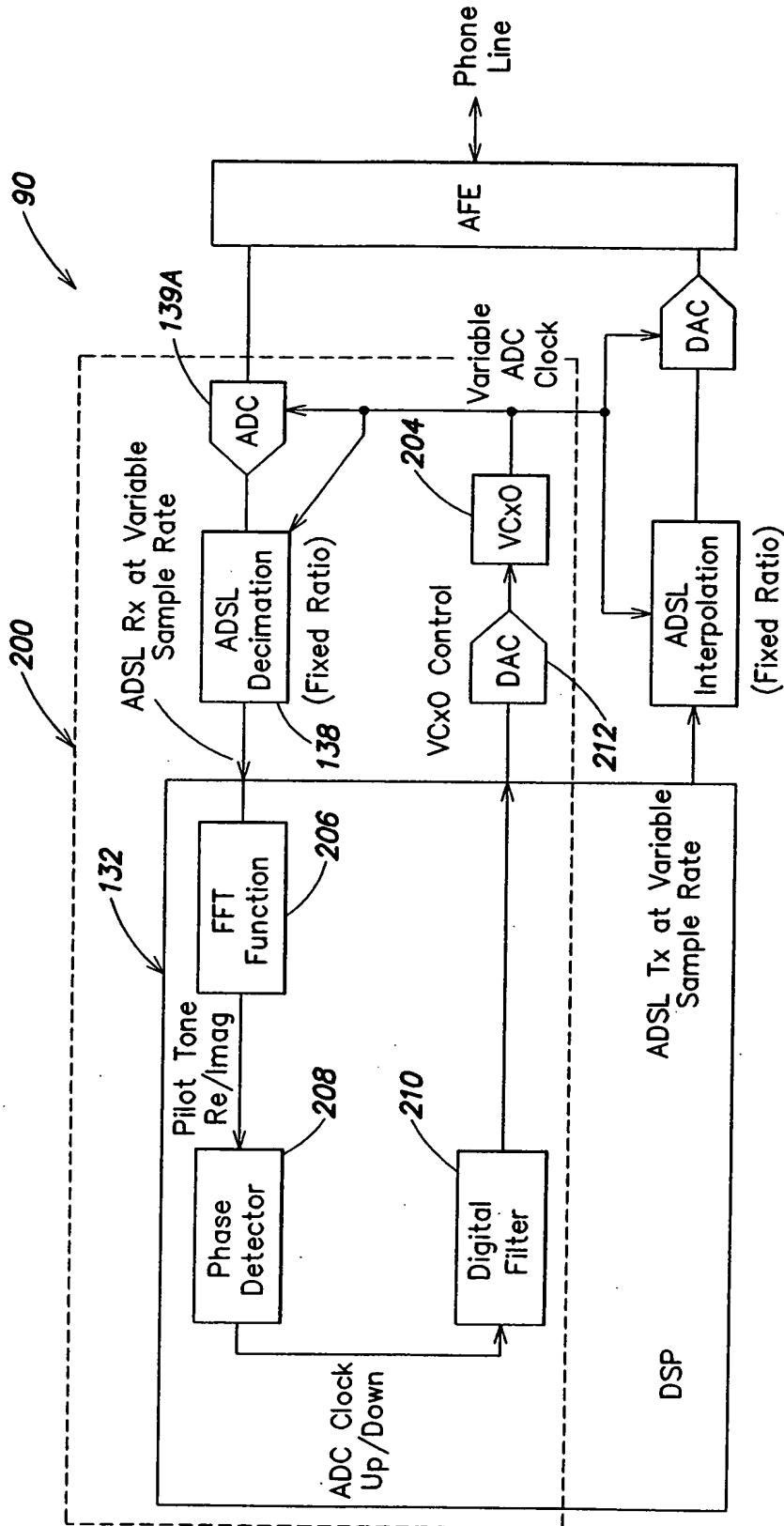




**FIG. 7**  
(Prior Art)

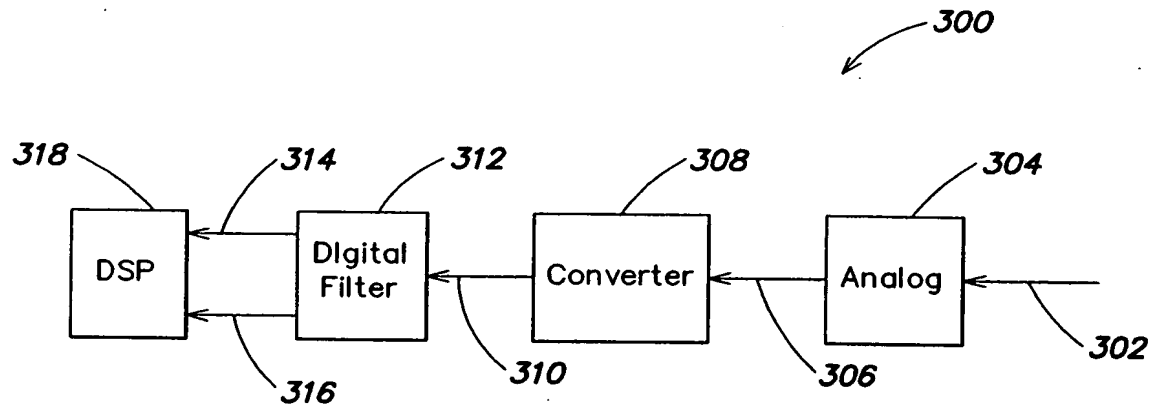


**FIG. 8**  
(Prior Art)



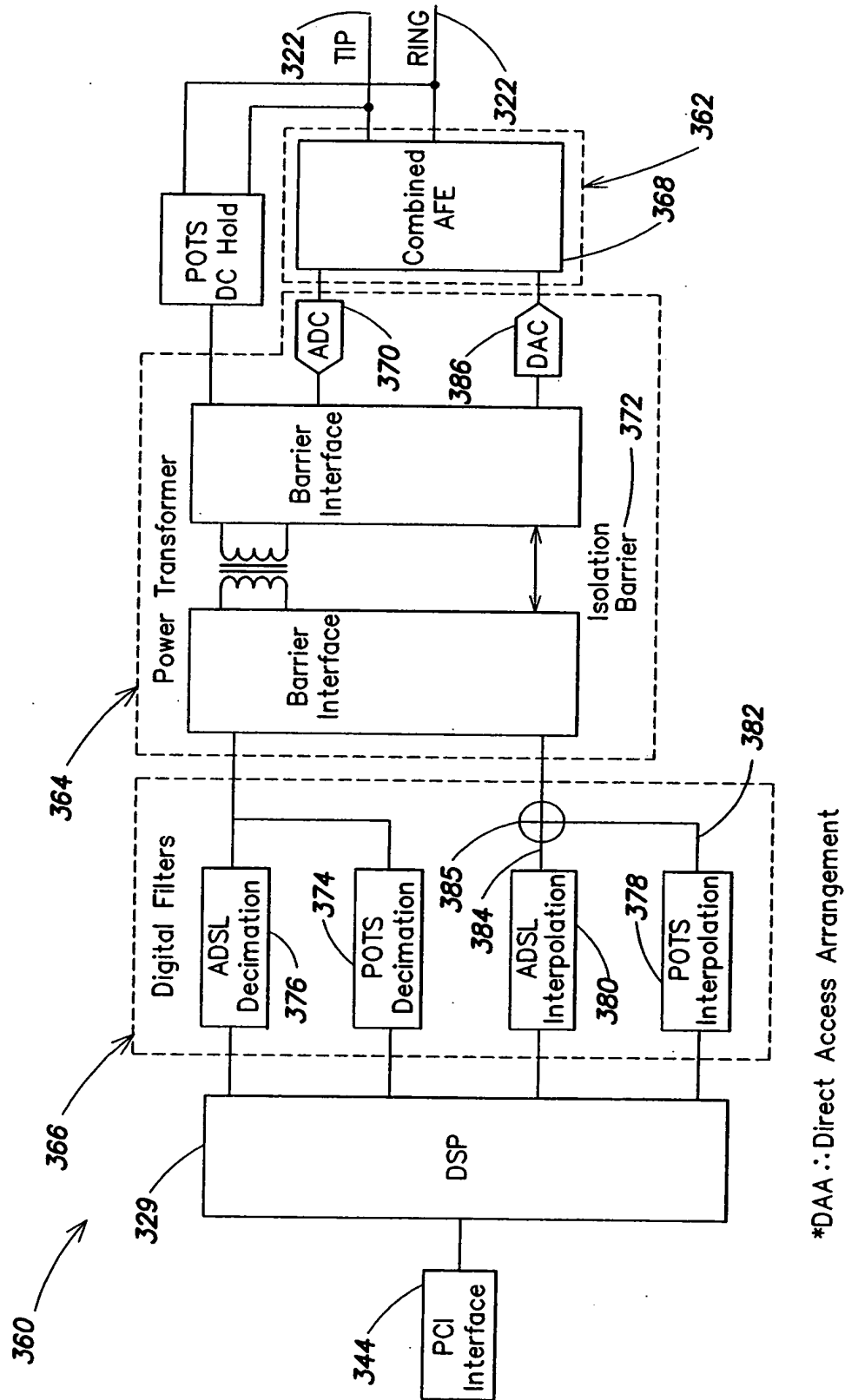
**FIG. 9**  
(Prior Art)





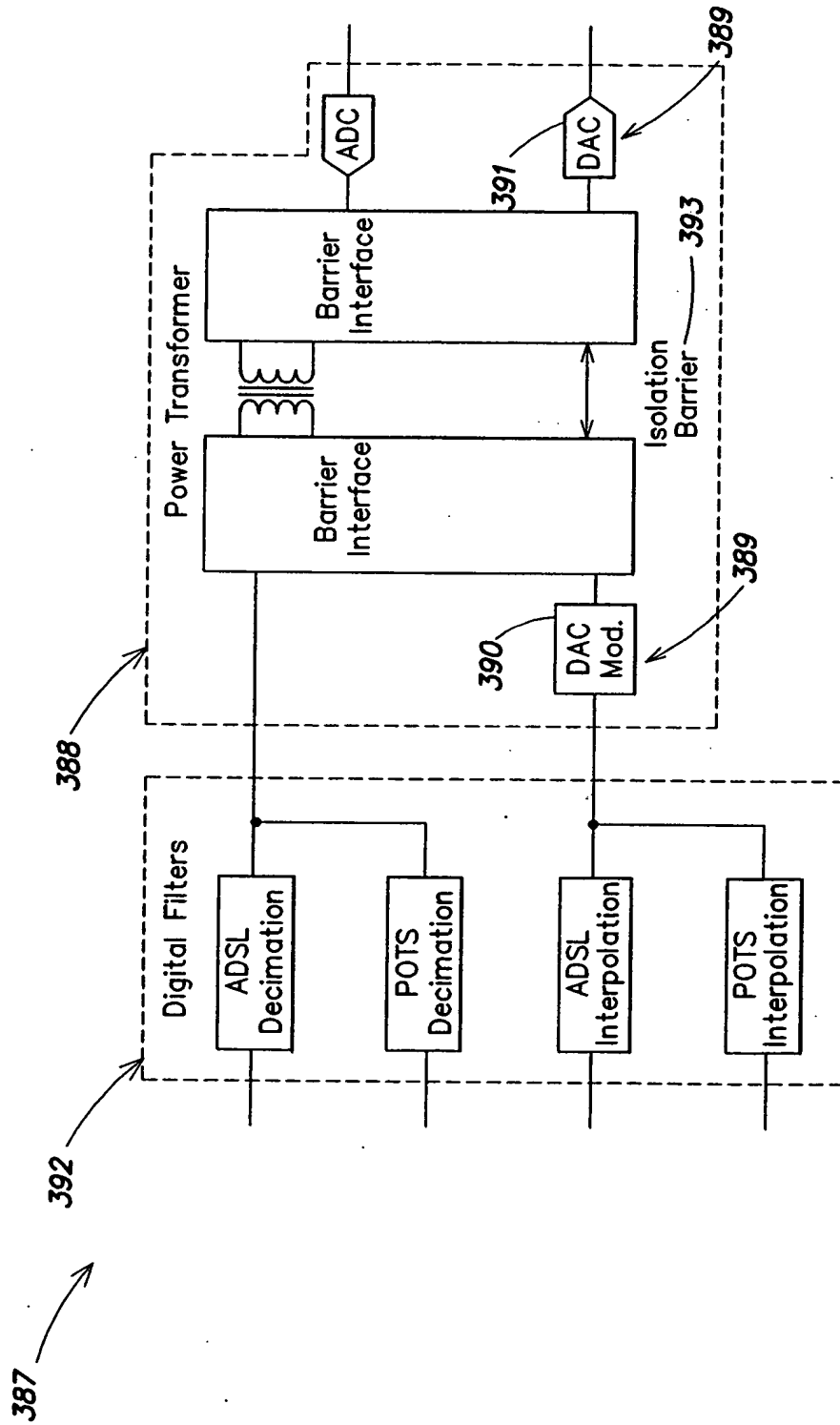
**FIG. 10**





\*DAA : Direct Access Arrangement

FIG. 12a



\*DAA ∴ Direct Access Arrangement

FIG. 12b

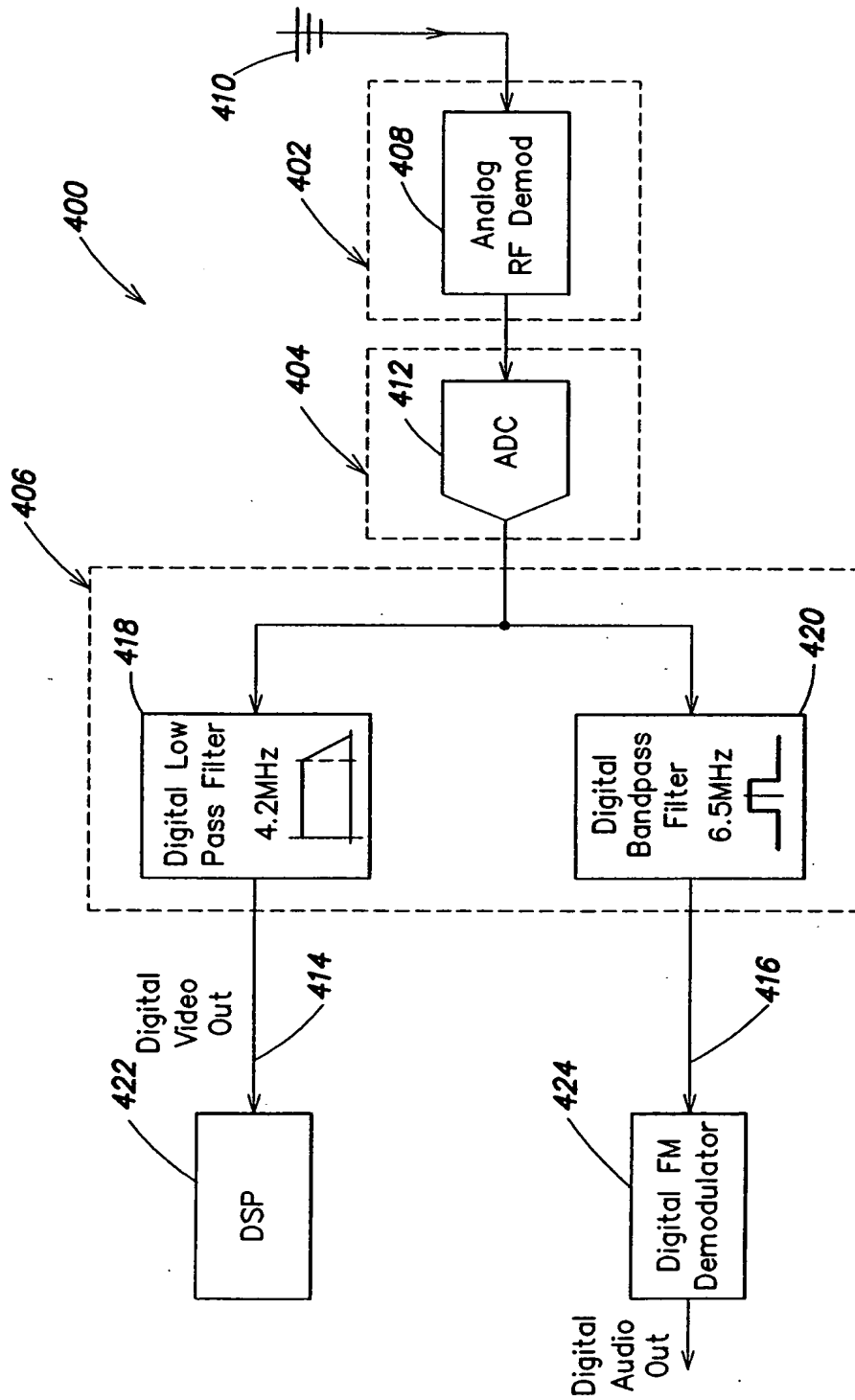


FIG. 13

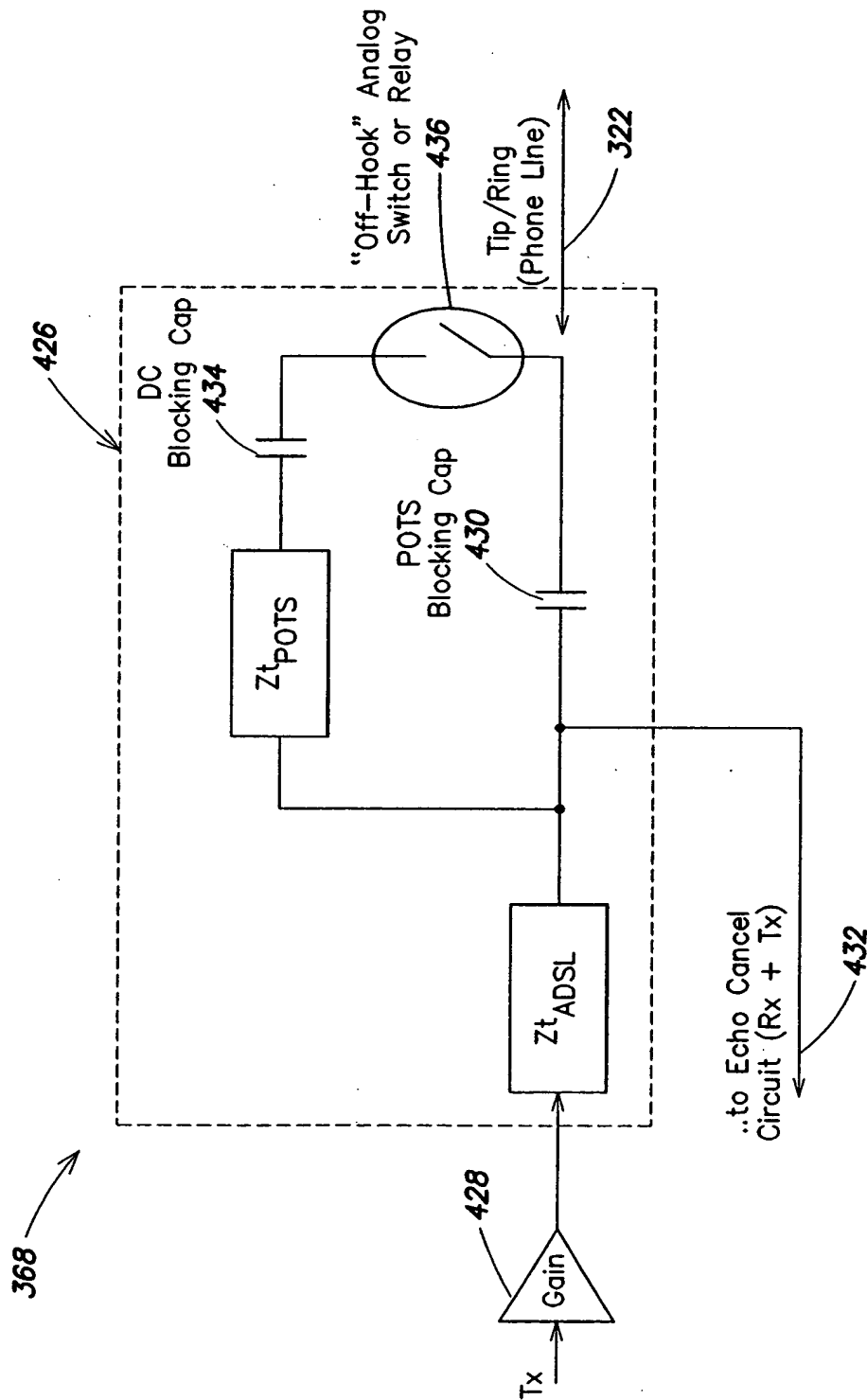


FIG. 14a

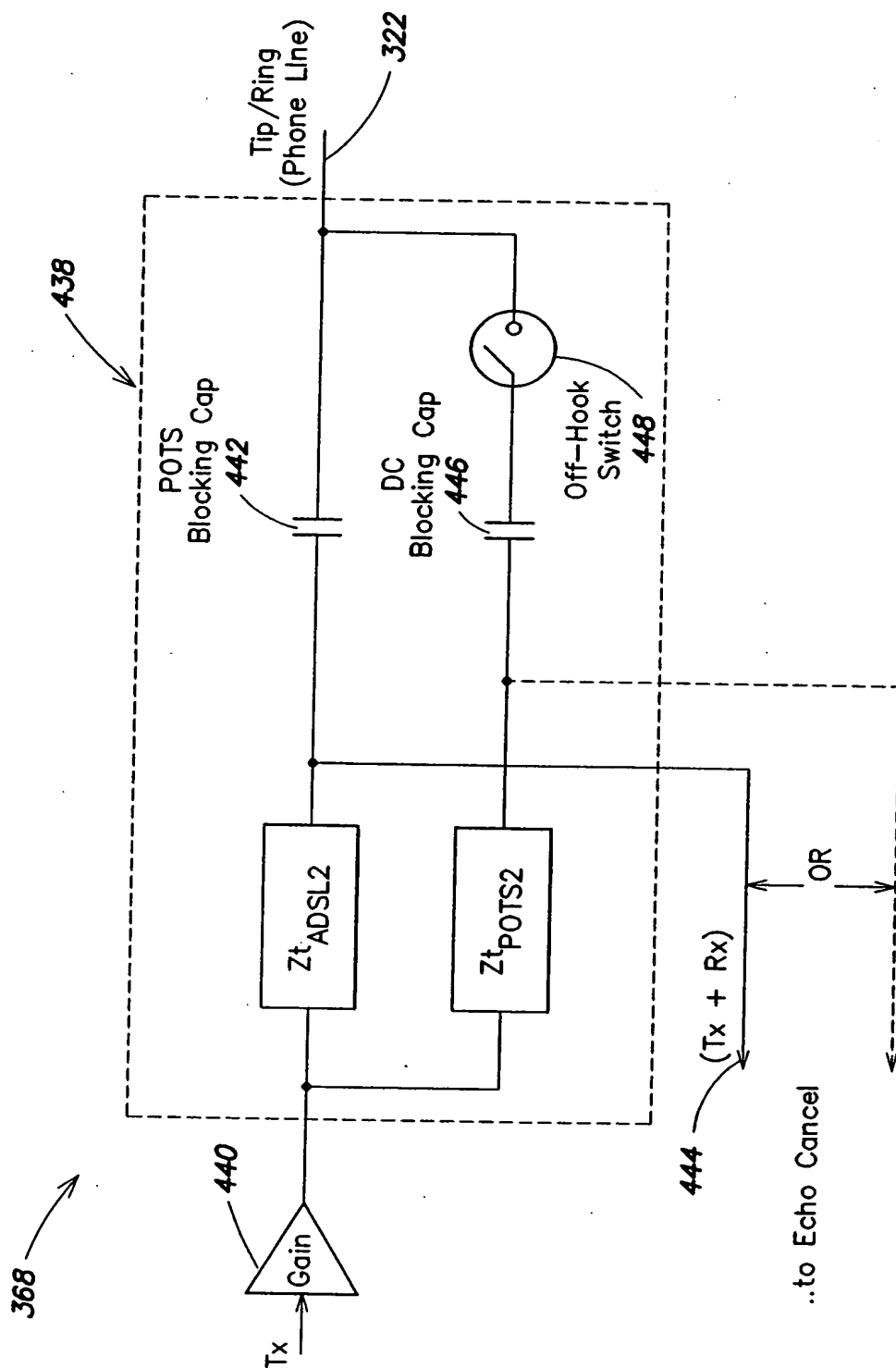


FIG. 14b

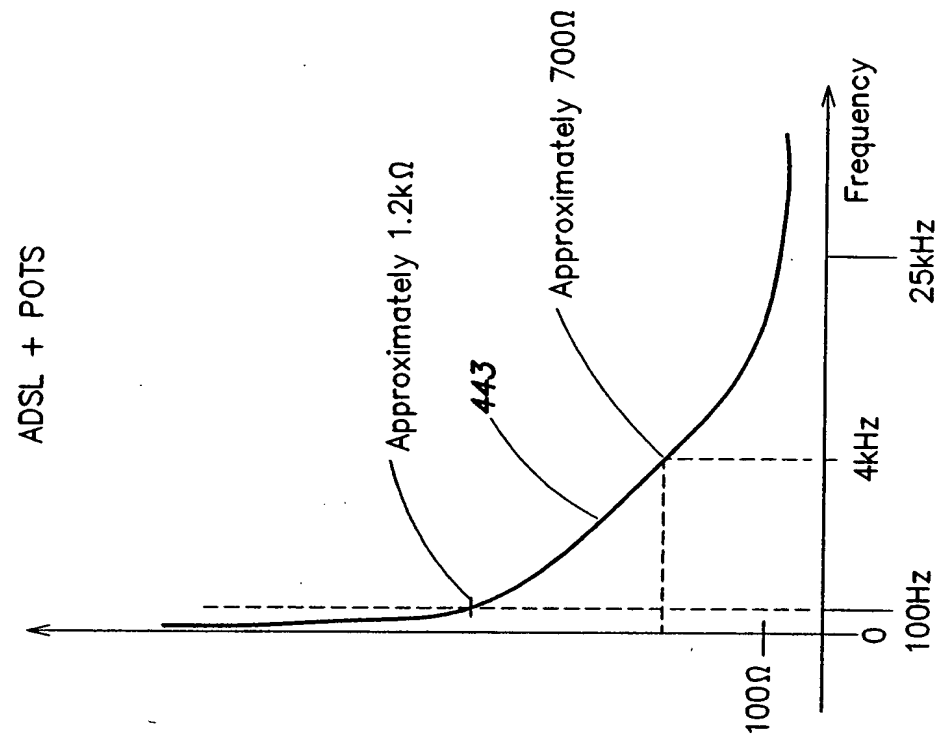


FIG. 15b

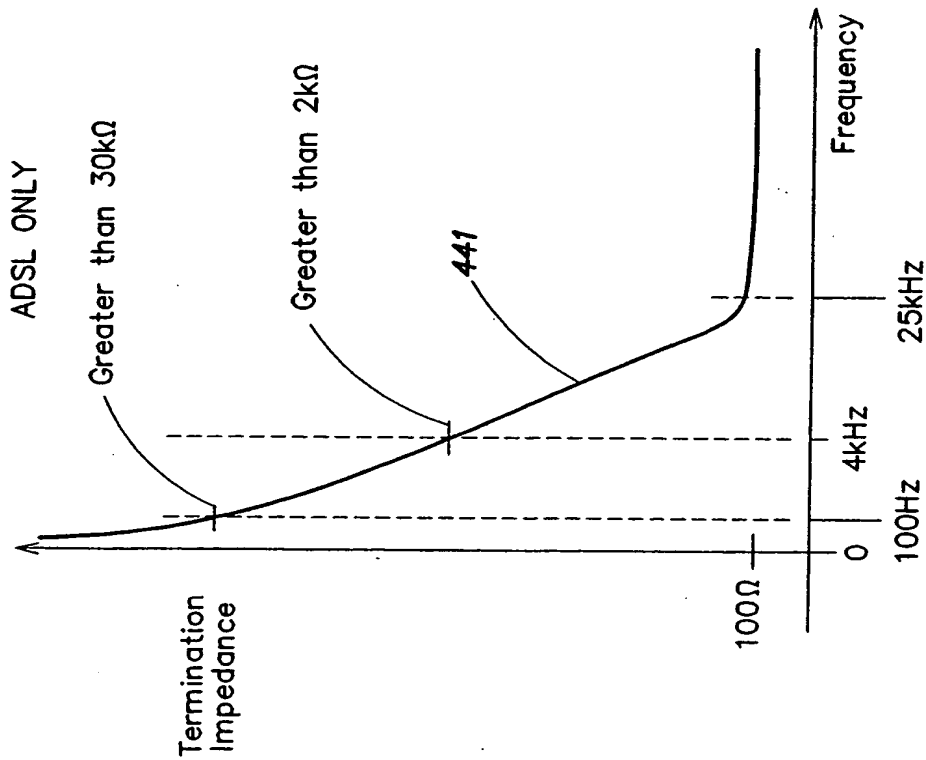


FIG. 15a



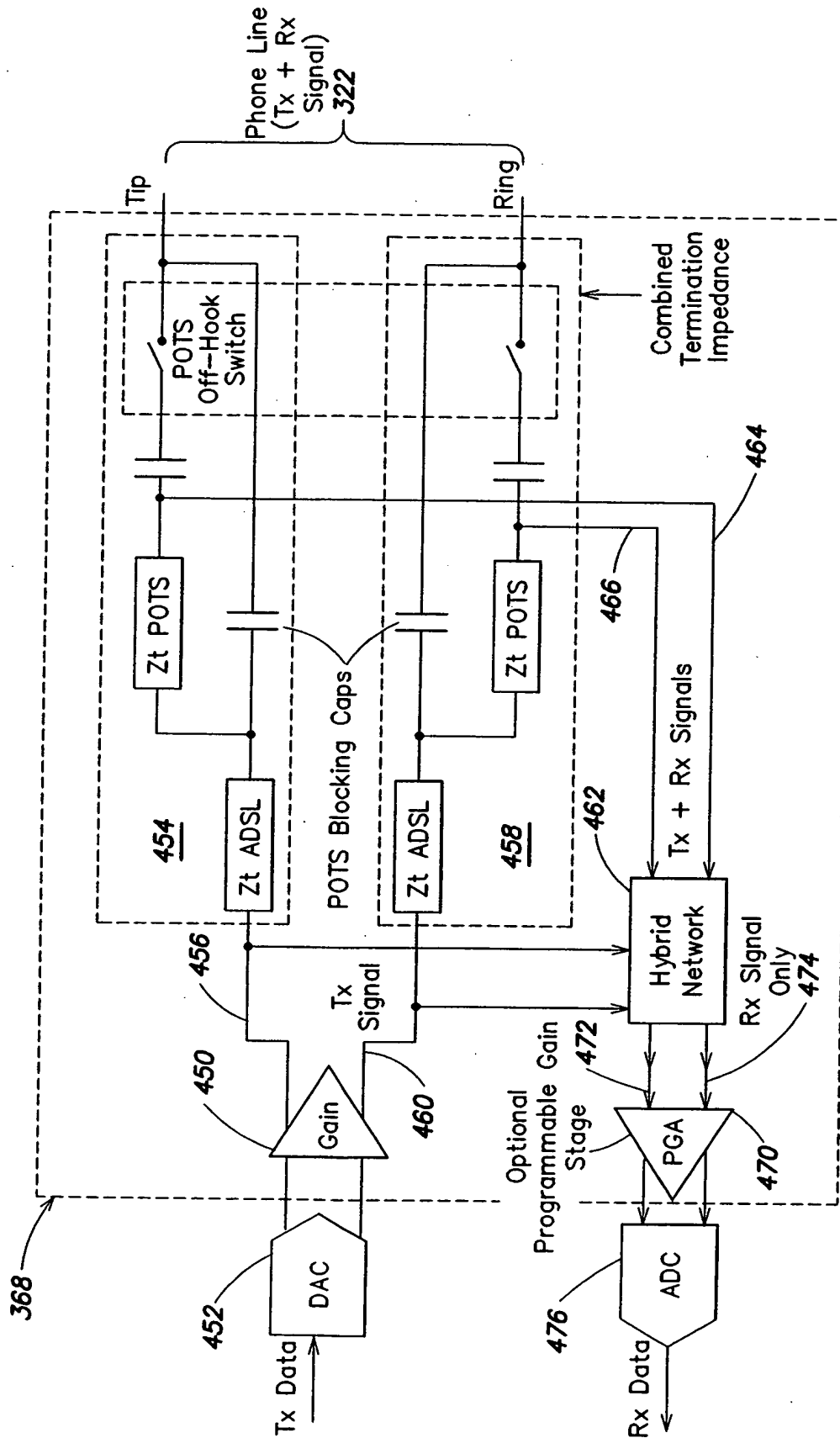


FIG. 16a



**FIG. 16b**

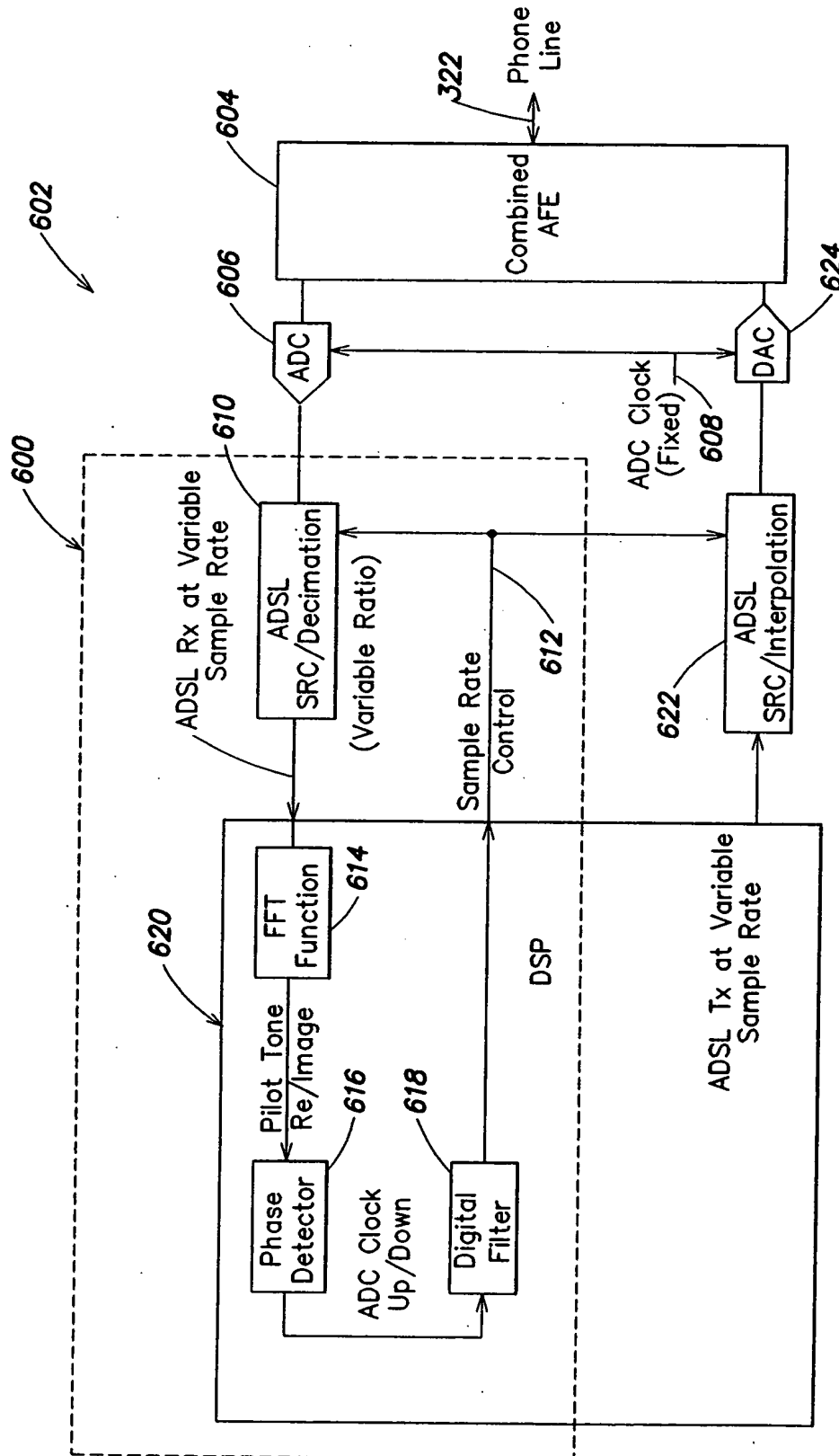
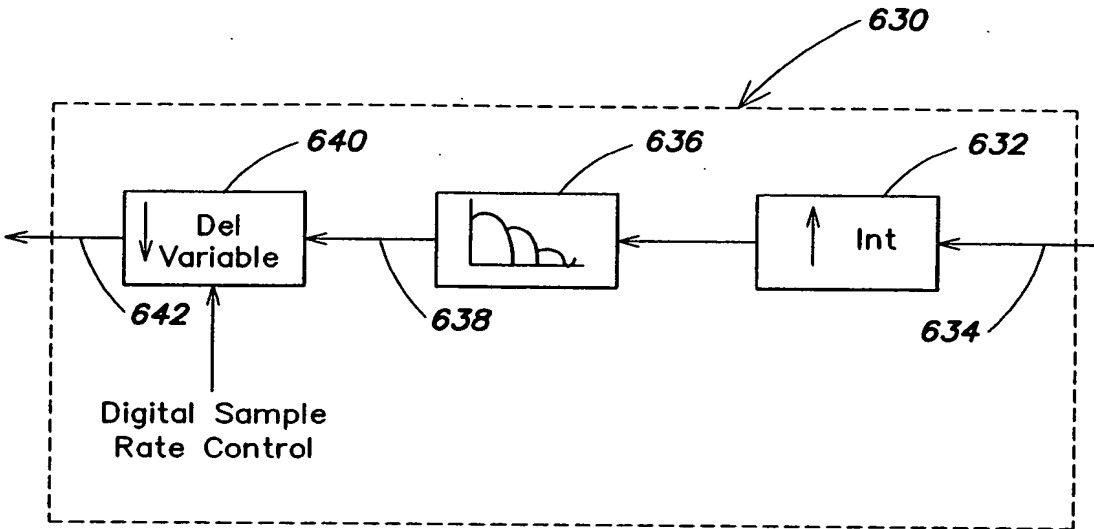
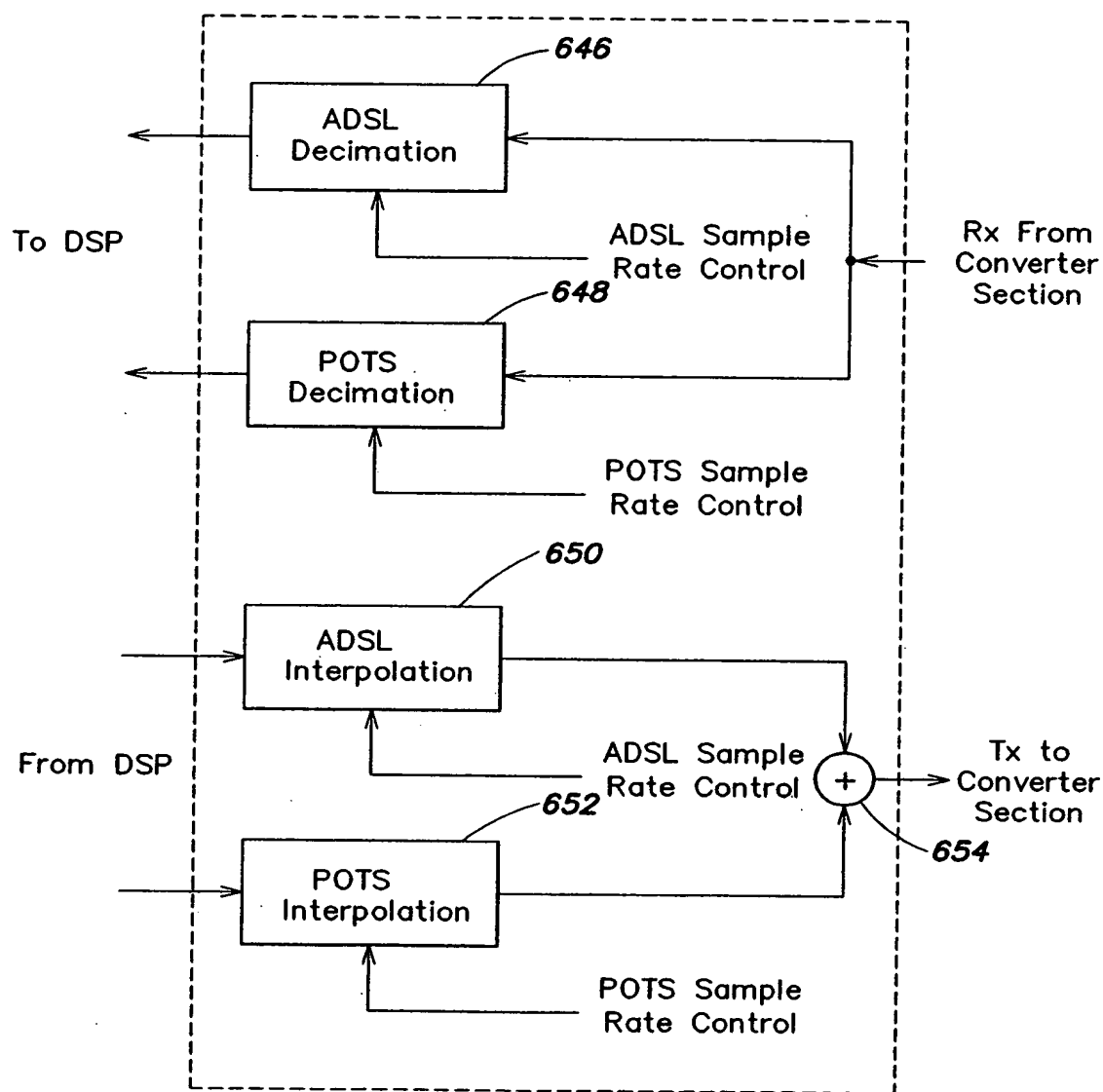


FIG. 17



**FIG. 18**



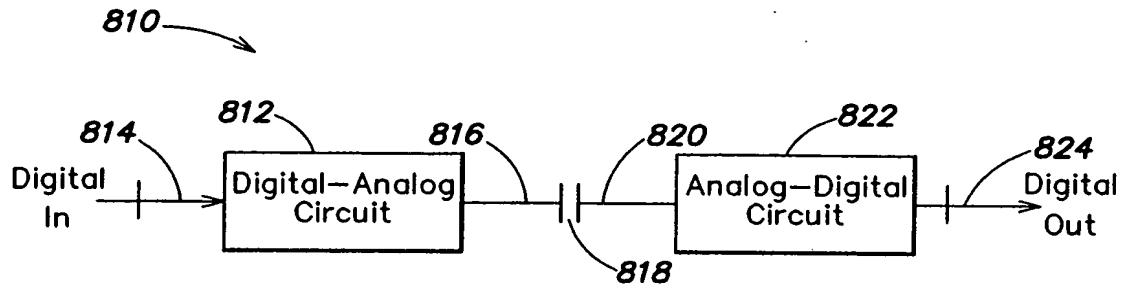
**FIG. 19**



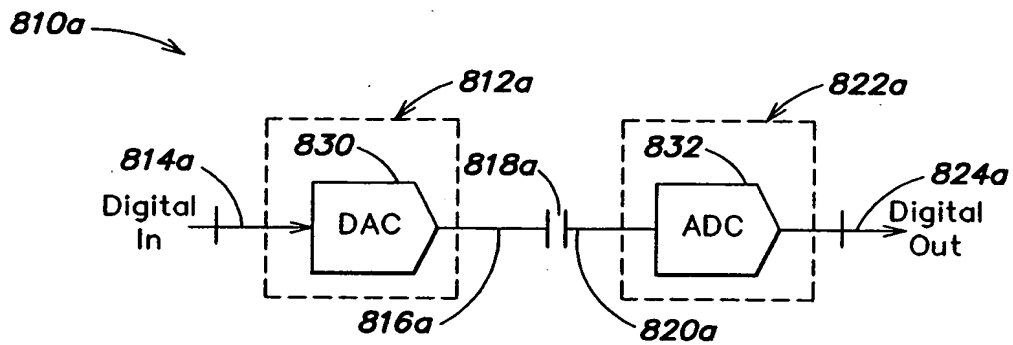
**FIG. 20A**



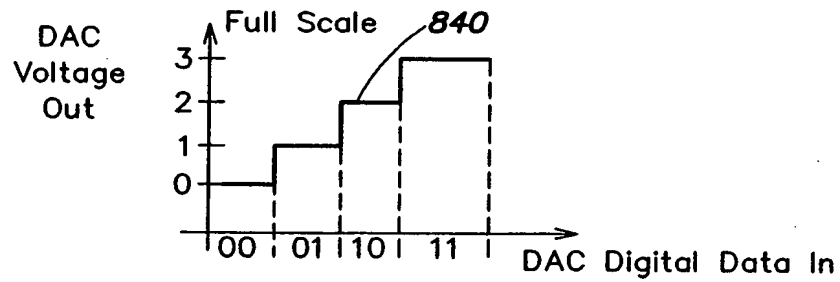
**FIG. 20B**



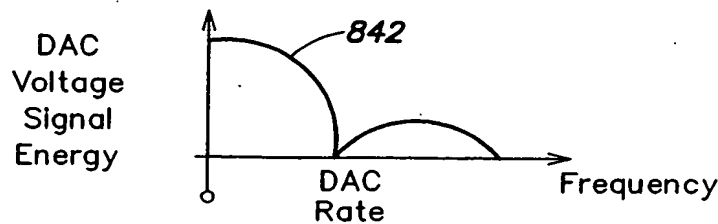
**FIG. 21**



**FIG. 22**



**FIG. 23**



**FIG. 24**



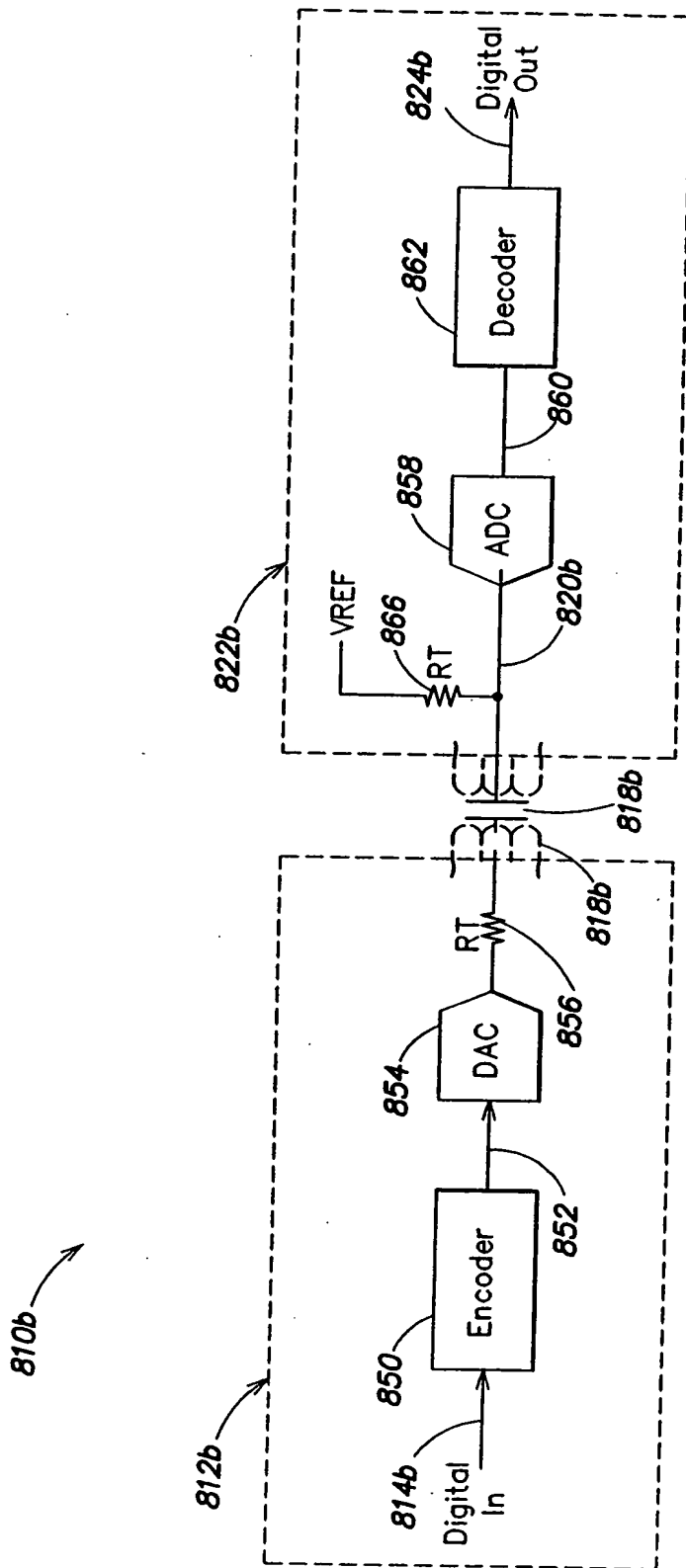
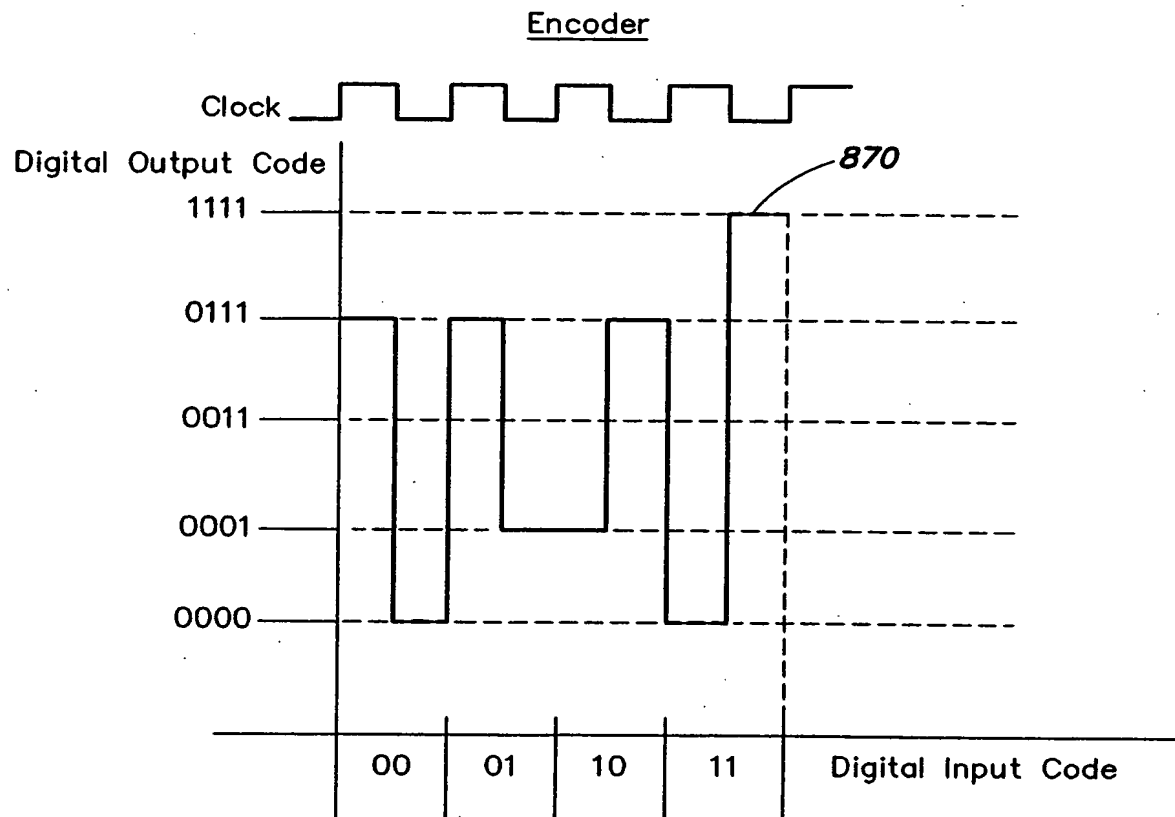
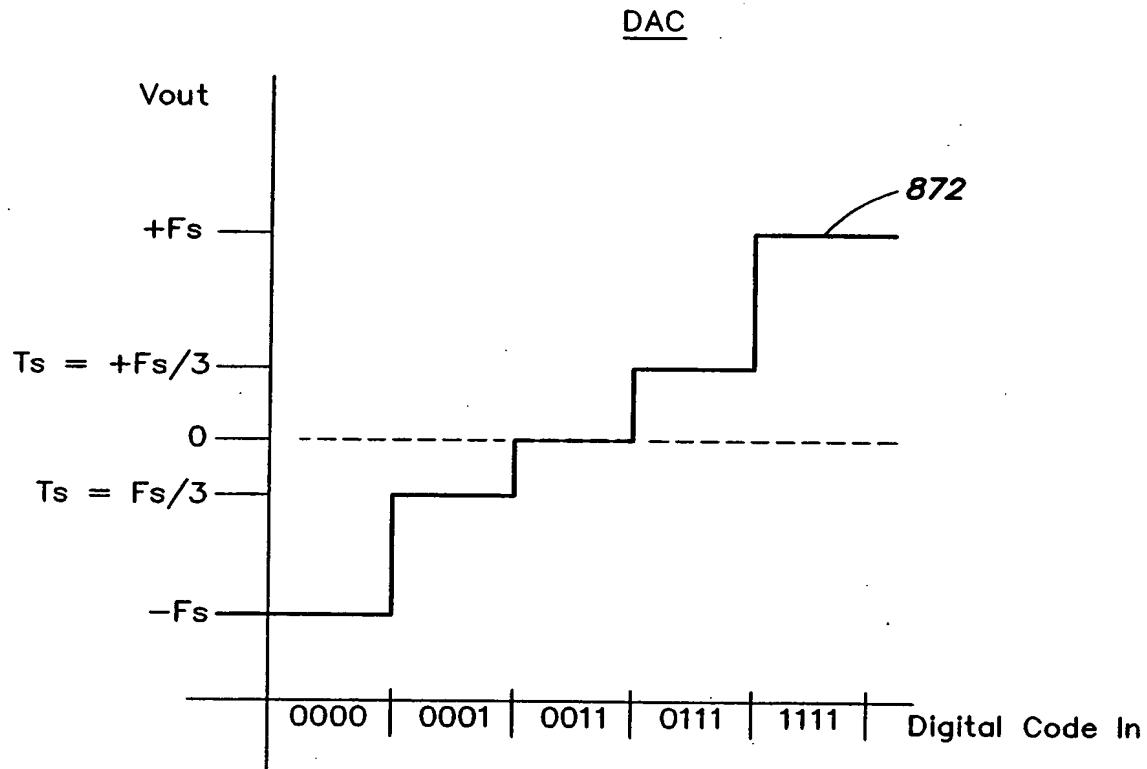


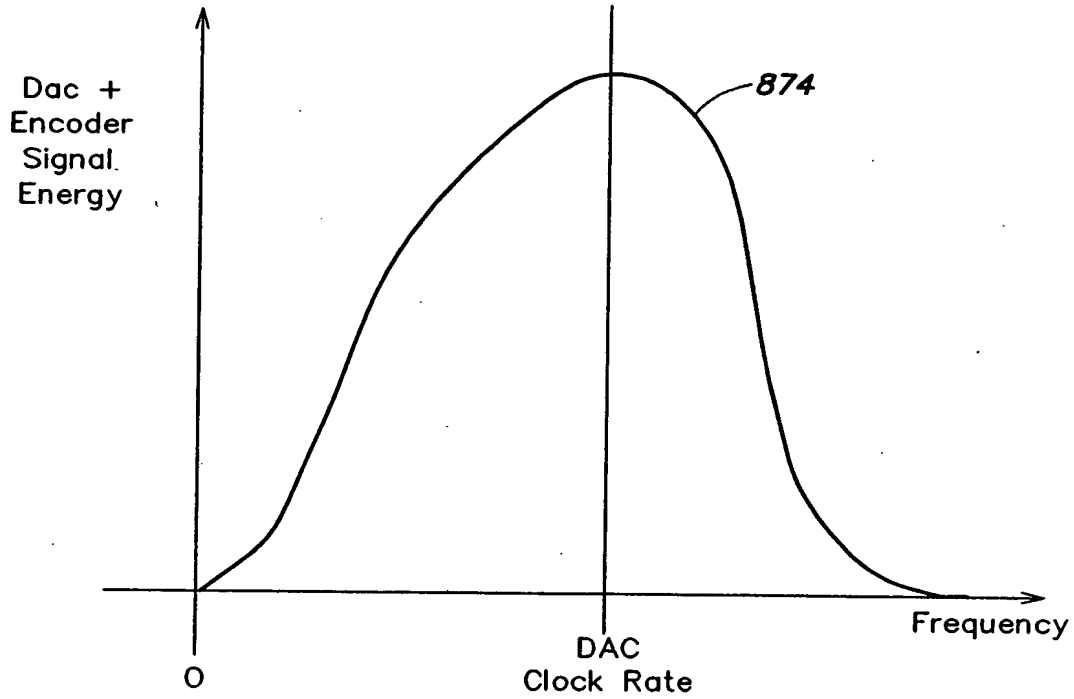
FIG. 25



**FIG. 26**



**FIG. 27**



**FIG. 28**

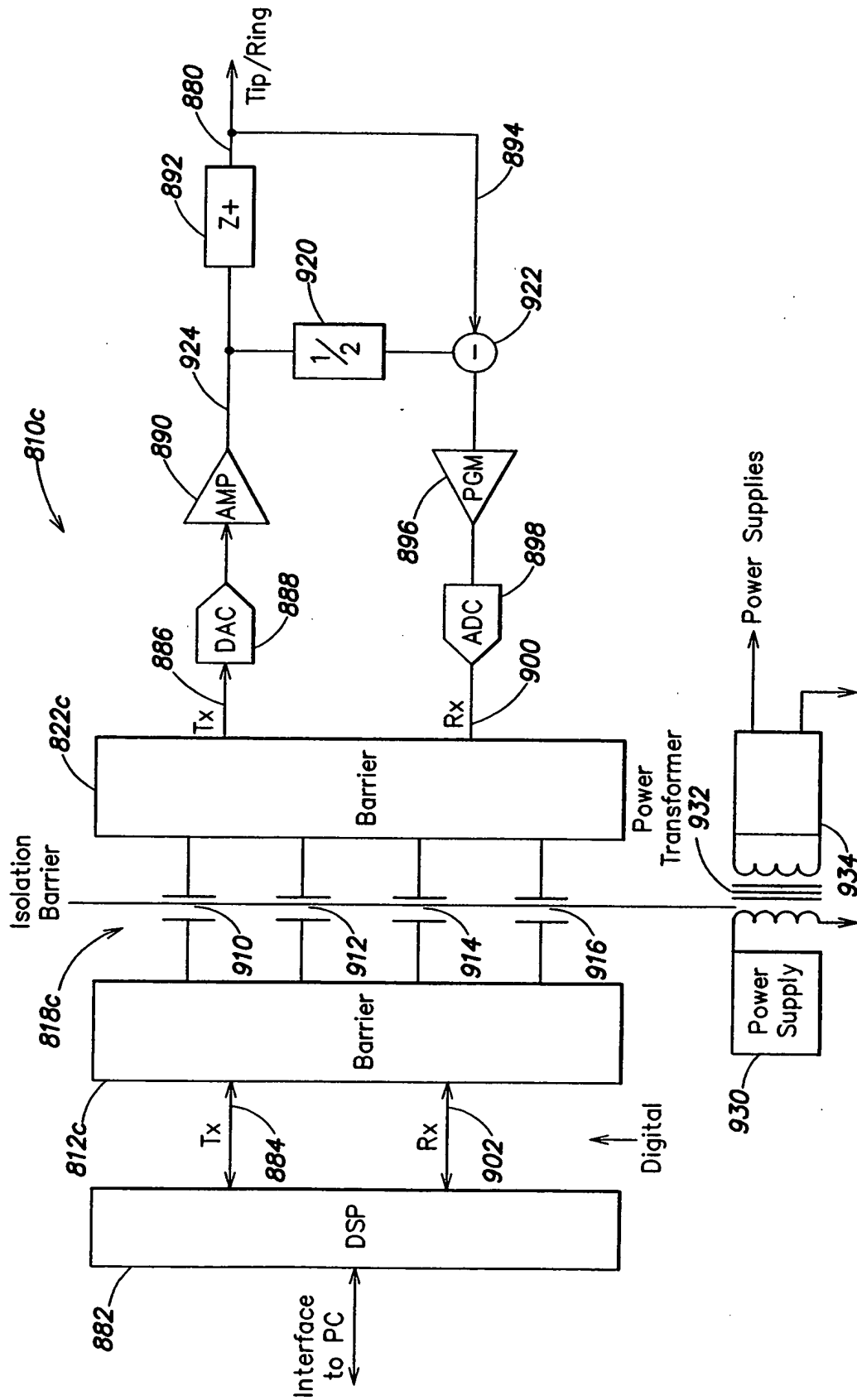


FIG. 29

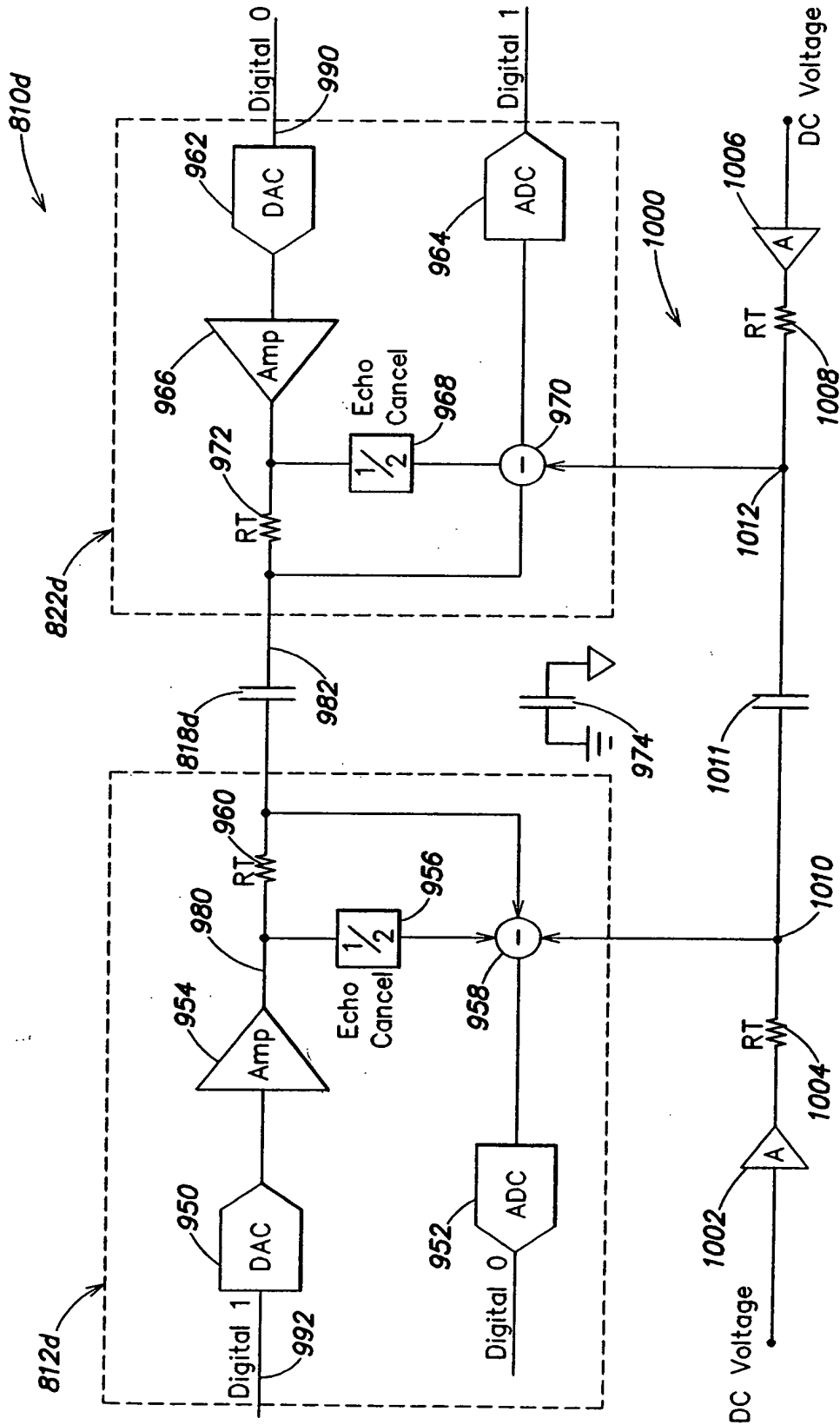
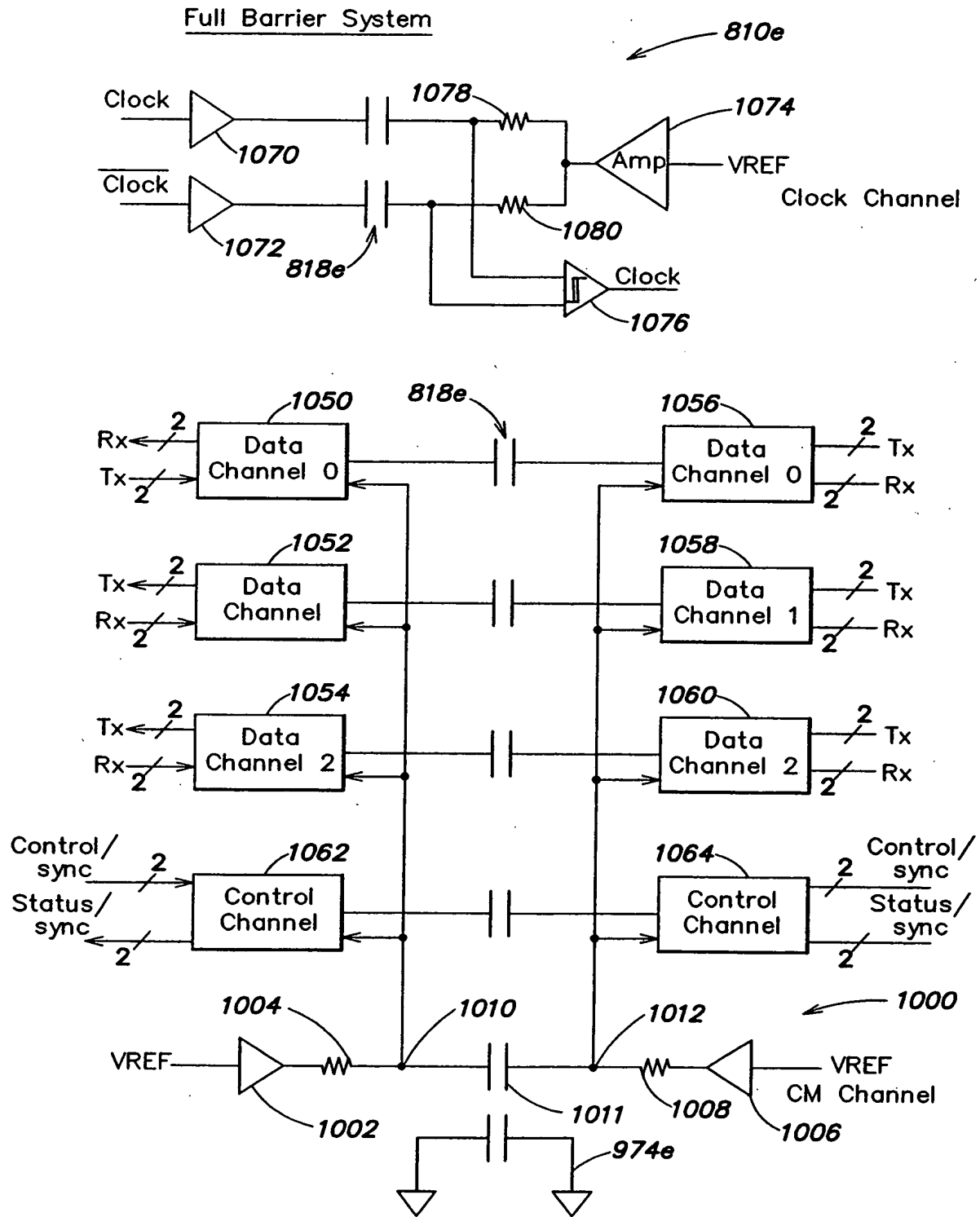


FIG. 30



**FIG. 31**

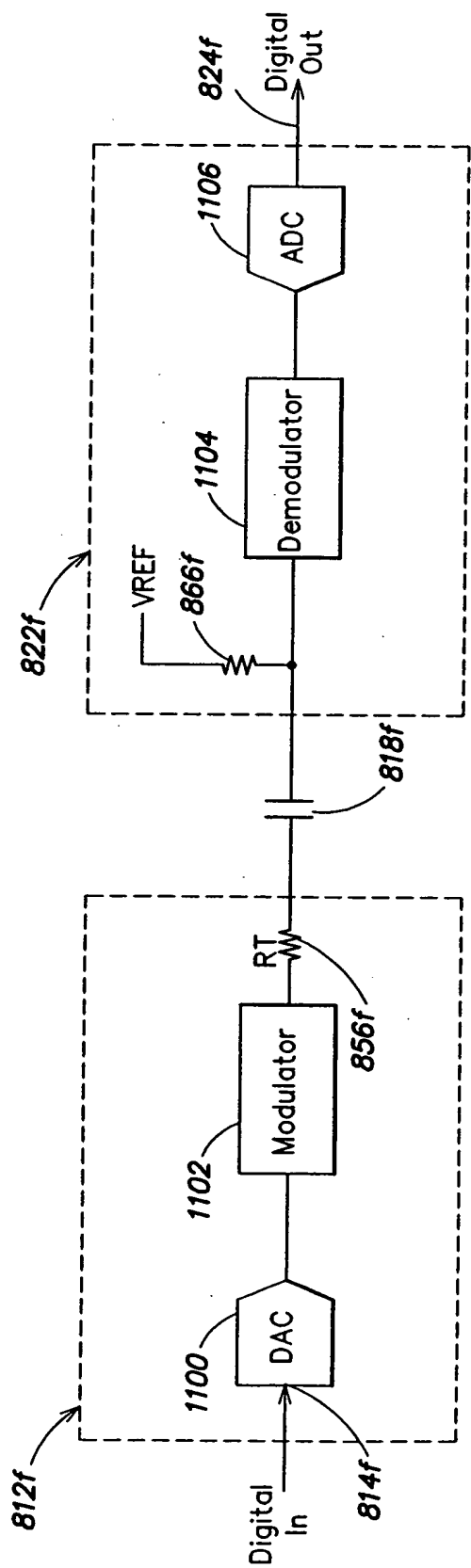


FIG. 32